

**Agenda**  
 Concerns over Unit Operation at 950 MW  
 April 24, 2002  
 10:00 AM

960  
 2 | 1920  
   1800  
   120  
   120

1. Converter Station, Generator and Power Distribution

Vars Support Concerns

Aux Power Bus Differential Loading and Voltage Drops

• Transformer Temperature

Generator Temperature

Generator Amp Readings and Measurement

Hydrogen Pressure > 63 derate if lower

Other Items

Step up Transformer  
 Tx Lock out @ 900 MW  
 Limited swing capability by 50%??

— move loads close to limits on large motor bus voltages

— 22,000 gen rating

2. Turbine Operation ~ Main steam sagged, RH OK

Max Steam Flow

What pressure will we operate at? ??

Other Items

3. Boiler and Furnace Draft

ID Fan Overcurrent Alarms

ID Fan Vibration

Suction Pressure Alarms

Furnace Pressure

PA Fan Capacity

High Speed or Low?

FD Fan Capacity OK

NOx Emissions Low O<sub>2</sub>, 6 mill op

Safety Valve Relieving Capacity — 6.9 mpph do not exceed, excursion OK.

• Pulverizer DP's

BBFP Operation

Suction Strainer Alarms?

Main and Reheat Steam Temperatures

Primary Sprays to Control Tube Metals?

• BFPB Vibration BFPB

Other Items

472 1 link 508 1 link

> Range issue

→ spare motor for redundancy

dp alarms

4. AQCS

Baghouse Differential

Duct Pressure Instrumentation

Scrubber Control Changes for Increased Load

Other

Heater string trips — how high can the unit go to??